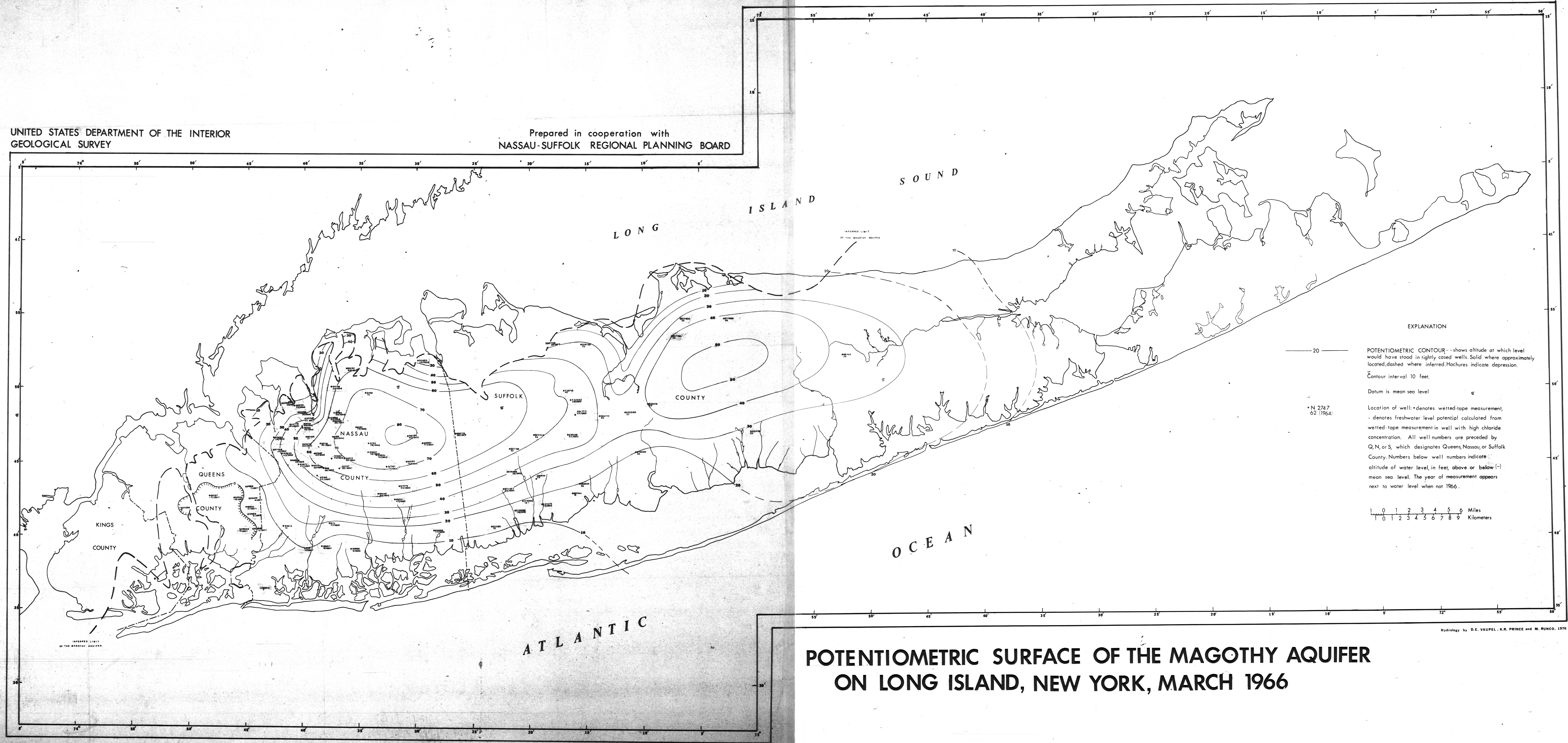


UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with
NASSAU-SUFFOLK REGIONAL PLANNING BOARD



EXPLANATION

— 20 — POTENTIOMETRIC CONTOUR—shows altitude at which level would have stood in tightly cased wells. Solid where approximately located, dashed where inferred. Hachures indicate depression.
Contour interval 10 feet.

Datum is mean sea level

N 2747
62 (1964)

Location of well: • denotes wetted-tape measurement, ◊ denotes freshwater level potential calculated from wetted-tape measurement in well with high chloride concentration. All well numbers are preceded by Q, N, or S, which designates Queens, Nassau, or Suffolk County. Numbers below well numbers indicate altitude of water level, in feet, above or below (-) mean sea level. The year of measurement appears next to water level when not 1966.

1 0 1 2 3 4 5 Miles
1 0 1 2 3 4 5 6 7 8 9 Kilometers

Hydrology by D.E. VAUPEL, K.R. PRINCE and M. RUNCO, 1976

POTENTIOMETRIC SURFACE OF THE MAGOTHY AQUIFER
ON LONG ISLAND, NEW YORK, MARCH 1966